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Attorney Docket No. 101792-200

U.S. Serial No. 10/077,727

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Complete Listing of Claims:

1. Canceled

2. (Previously Presented) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of a copper-containing compound selected from the group consisting of surface oxidized copper powder, cuprous oxide, copper hydroxide, and combinations thereof, and said shell consisting essentially of a copper pyrithione formed by reaction of pyrithione acid or a water-soluble salt of pyrithione with a portion of copper in said core, wherein said copper-containing compound has a water solubility of no greater than about 10 ppm.

3. (Canceled)

4. (Currently Amended) The composition of claim 2 wherein said core is present in said composition in an amount of from about 99 to about 60% by weight of the composition, ~~based upon the total weight of said composition.~~

5. (Canceled)

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6. (Currently Amended) The composition of claim 4 wherein said copper-containing composite is present in said composition in an amount of from about 97 to about 86% by weight of the composition, ~~based upon the total weight of said composition.~~

7. (Currently Amended) The composition of claim 2 wherein said copper pyrithione shell is present in an amount of from about 1 to about 40% by weight of the composition, ~~based upon the total weight of said composition.~~

8. (Currently Amended) The composition of claim 6 wherein said copper pyrithione shell comprises from about 2 to about 20% by weight of the composition, ~~based on the total weight of said composition.~~

9. (Currently Amended) The composition of claim 7 wherein said copper pyrithione shell comprises from about 3 to about 14% by weight of the composition, ~~based on the total weight of said composition.~~

10. (Cancelled)

11. (Previously Presented) The composition of claim 41 wherein said fatty acid is selected from the group consisting of stearic, oleic, glycerol, and combinations thereof.

Claims 12 - 34 (Canceled)

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35. (Currently Amended) The composition of claim 2 wherein the core material is copper I oxide and the shell is copper II pyrrhithione.

36. (Currently Amended) The composition of claim 35 wherein ~~the weight ratio of the~~ copper oxide to the copper pyrrhithione is in a weight ratio of from 5:1 to 15:1. and a coating diameter is about 1% of the particle.

37-39. (Canceled)

40. (Previously Presented) The composition of claim 2, wherein the copper pyrrhithione and the core are present within a weight range of ratios from 1:20 to 20:1 of copper pyrrhithione relative to the core.

41. (Previously Presented) A biocidal composition comprising composite particles, each of said composite particles containing a shell, a core and a fatty acid coating on said shell, said core consisting essentially of a copper containing compound selected from the group consisting of surface oxidized copper powder, cuprous oxide, copper hydroxide, and combinations thereof, and said shell consisting essentially of a copper pyrrhithione formed by reaction of pyrrhithione acid or a water-soluble salt of pyrrhithione with a portion of copper in said core, wherein said copper containing compound has a water solubility of no greater than about 10 ppm.

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